

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (original) A slot armor component for use in a rotor of a dynamo-electric machine, the slot armor component comprising a plurality of profile co-extruded polymer layers.

2. (original) A slot armor component as in claim 1 wherein a composite cross-section of the profile co-extruded layers includes a first leg portion and a second leg portion disposed at an angle to the first leg portion, the second leg portion being shorter and thicker than the first leg portion.

3. (original) A slot armor component as in claim 1 wherein a composite cross-section of the profile co-extruded layers includes a first leg portion and a second leg portion disposed at an angle to the first leg portion, the first and second leg portions having a uniform thickness.

4. (currently amended) A slot armor component for use in a rotor of a dynamo-electric machine, the slot armor component comprising a plurality of profile co-extruded polymer layers;

~~A slot armor component as in claim 1~~ wherein the plurality of profile co-extruded polymer layers includes a first polymer layer having a first glass-fill

concentration and a second polymer layer arranged on one side of the first polymer layer having a second glass-fill concentration which is lower than the first glass-fill concentration.

5. (original) A slot armor component as in claim 4 wherein the plurality of profile co-extruded polymer layers further includes a third polymer layer having a third glass-fill concentration which is lower than the first glass-fill concentration, the third polymer layer being arranged on an opposite side of the first polymer layer on which the second polymer layer is arranged.

6. (currently amended) A slot armor component for use in a rotor of a dynamo-electric machine, the slot armor component comprising a plurality of profile co-extruded polymer layers;

~~A slot armor component as in claim 1 wherein the plurality of co-extruded polymer layers includes a glass-filled polymer layer arranged between two unfilled polymer layers.~~

7. (original) A slot armor component as in claim 6 wherein the glass-filled polymer layer is a glass-filled Ultem layer, the glass-filled Ultem having a glass-fill concentration equal to or less than 30%.

8. (original) A slot armor component as in claim 7 wherein the two unfilled polymer layers each comprises an unfilled Ultem layer.

9. (original) A slot armor component as in claim 6 wherein the glass-filled polymer layer is a glass-filled polyetheretherketone (PEEK) layer, the glass-filled PEEK having a glass-fill concentration equal to or less than 30%.

10. (original) A slot armor component as in claim 9 wherein the two unfilled polymer layers each comprises an unfilled PEEK layer.

11. (original) A slot armor component as in claim 1 wherein the plurality of profile co-extruded polymer layers includes a first polymer layer having a non-uniform thickness and a second polymer layer having a uniform thickness.

12. (currently amended) A slot armor component for use in a rotor of a dynamo-electric machine, the slot armor component comprising a plurality of profile co-extruded polymer layers;

wherein the plurality of profile co-extruded polymer layers includes a first polymer layer having a non-uniform thickness and a second polymer layer having a uniform thickness; and

A slot armor component as in claim 11 wherein the plurality of profile co-extruded polymer layers further includes a third polymer layer, the third polymer

IRWIN et al.

Application No. 10/604,055

January 18, 2005

layer having a uniform thickness, and wherein the first polymer layer is arranged between the second and third polymer layers.

13.-25.(canceled)